ELSEVIER

International Journal of Medical Informatics 62 (2001) 201

International Journal of Medical Informatics

www.elsevier.com/locate/ijmedinf

Volume contents

Volume 62 (2001)

Review

Improving clinical decisions and outcomes with information: a review
W.M. Tierney (USA) 1

Mining time dependency patterns in clinical pathways
F.-r. Lin, S.-c. Chou, S.-m. Pan, Y.-m. Chen (Taiwan, ROC) 11

The Personal Internetworked Notary and Guardian
A. Riva, K.D. Mandl, D.H. Oh, D.J. Nigrin, A. Butte, P. Szolovits, I.S. Kohane (USA) 27

Patient data confidentiality and patient rights
B. Sadan (Israel) 41

A systematic approach for analysis and design of secure health information systems
B. Blobel, F. Roger-France (Germany, Belgium) 51

Modeling a medical environment: an ontology for integrated medical informatics design
J.R. Hajdukiewicz, K.J. Vicente, D.J. Doyle, P. Milgram, C.M. Burns (Canada) 79

Editorial
J. Johnston, S. McGhee, N.T. Cheung (Hong Kong) 101

Data mining approach to policy analysis in a health insurance domain
Y.M. Chae, S.H. Ho, K.W. Cho, D.H. Lee, S.H. Ji (South Korea) 103

Medical informatics—the state of the art in the Hospital Authority
N.T. Cheung, K.W. Fung, K.C. Wong, A. Cheung, J. Cheung, W. Ho, C. Cheung, E. Shung, V. Fung, H. Fung (China) 113

Knowledge representation and retrieval using conceptual graphs and free text document self-organisation techniques
S. Chu, B. Cesnik (Australia) 121

Development and deployment of a web-based physician order entry system
Y.-L. Lee, C.-Y. Hsu, D. Hsieh, Y.-C. Li (Taiwan) 135

Computerization of clinical practice in Hong Kong
G.M. Leung, J.M. Johnston, L.-M. Ho, F.-K. Wong, S.C. Cameo (China) 143

The retrieval effectiveness of medical information on the web
L. Bin, K. C Lun (Singapore) 155

Fuzzy logic and its applications in medicine
N.H. Phuong, V. Kreinovich (Viet Nam, USA) 165

The comparative impact of video-consultation on neurosurgical health services
W.S. Poon, C.H.S. Leung, M.K. Lam, S. Wai, C.P. Ng, S. Kwok (China) 175

Clinical websites are currently dangerous to health
J.M. Roberts, K.L. Copeland (UK) 181

An evaluation of the use of hand-held computers for bedside nursing care
P.M.C. Young, R.M.W. Leung, L.M. Ho, S.M. McGhee (Hong Kong) 189

Author Index 195
Subject Index 197
Volume Contents 201